

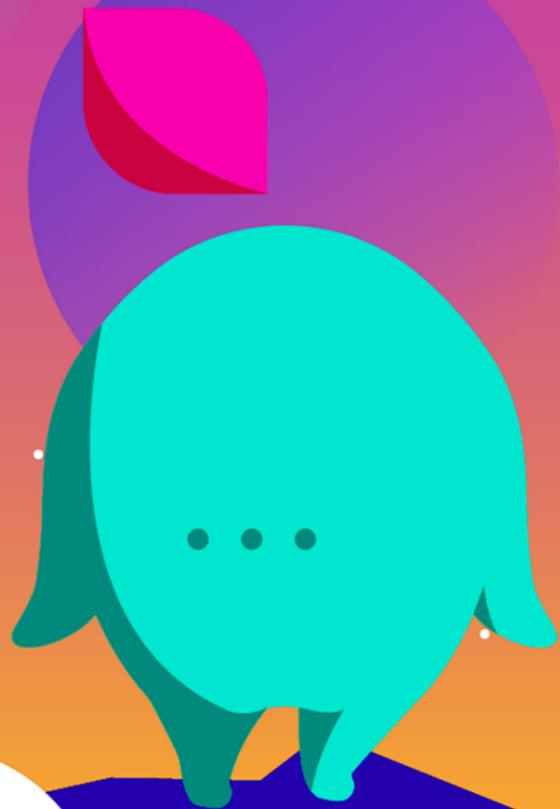
TALES FROM

API- TOPIA

28 WAYS

BRANDS

ARE BUILDING WORLD
LEADING API EXPERIENCES



TL;DR

To say that APIs have exploded is an understatement. Global adoption is growing massively, with research by MarketsandMarkets projecting that the API management market will be worth \$5.1 billion in 2023. That's a compound annual growth rate of 32.9%. Meanwhile, research by Boston University Questrom Chair, Professor Marshall Van Alstyne, has shown that firms using APIs achieve 12.7% more growth in market capitalisation compared to firms that aren't using them.

As the market matures, APIs are proving incredibly versatile. They are supporting businesses to develop new products, including the APIs themselves, and driving impressive growth. With API management tools layered on top to take care of governance, security, auditing and a range of other needs, APIs are fuelling major growth for businesses across a range of sectors.

Tyk caught up with some of those businesses to take a deep dive into how they are using API management solutions to solve a range of issues and open the door to new opportunities. Here's what they have to say about how they are accelerating their growth and reaching new customers using Tyk's API management platform to tackle issues in a variety of sectors.

Not only are most organisations' development efforts focused on APIs, but firms that go even further and establish an API-first approach tend to outperform and have a more optimistic business outlook.

Abhinav Asthana,
Co-founder and CEO,
Postman





We're Tyk. We handle billions of crucial API calls daily, taking care of international payments, medical records, and security clearances. Heck, Tyk is busy navigating satellites through space. You haven't noticed us doing these things because it's part of our mission to make sure you don't have to notice. We help you to do whatever you need to do, connect up whatever you want to connect up, without ever getting in your way. We're the API management platform that lets you forget about API management.

Martin Buhr, Co-founder and CEO, Tyk

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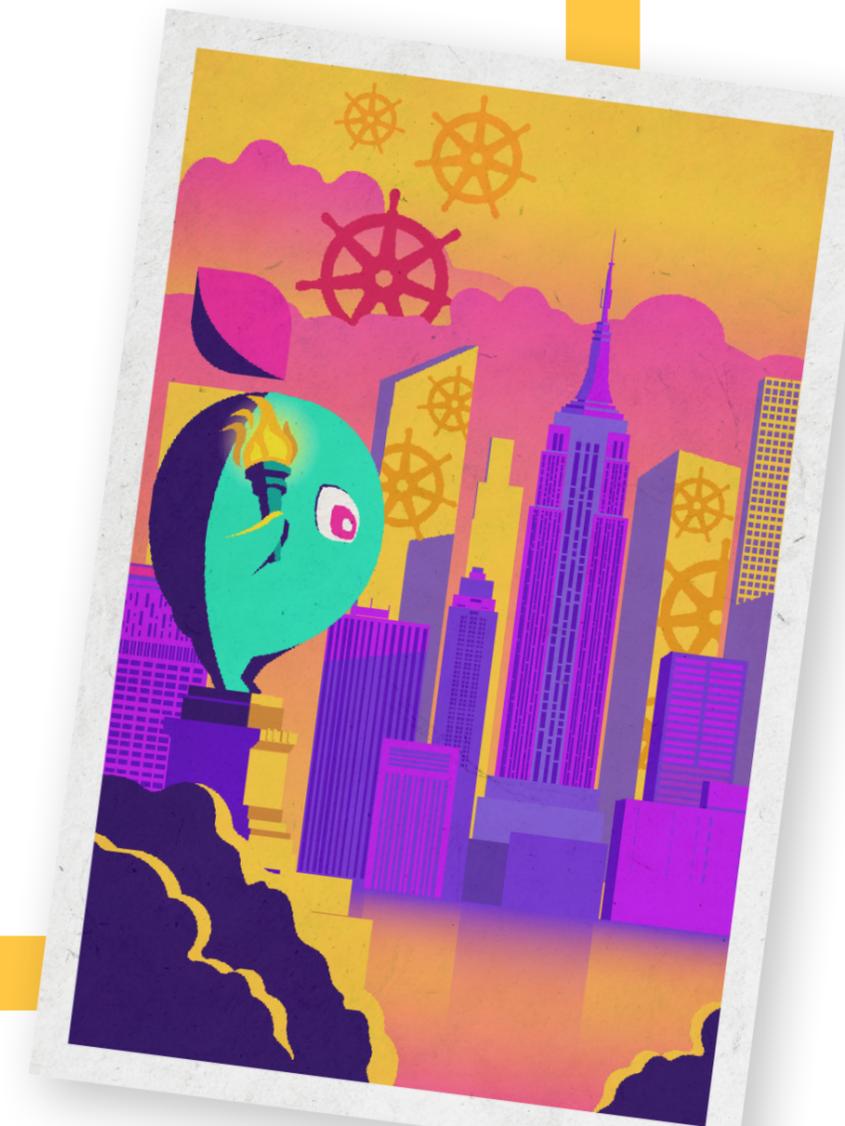
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Deploy APIs to production

Monitor, troubleshoot, and update APIs



API PLATFORM MANAGEMENT

Architect and build a performant, secure API platform

API security incidents occur monthly at many companies. The Postman 2022 State of the API Report found that 20% of respondents reported API security incidents or breaches at least monthly.



SK techx

Delivering
performance



Modulr

Flexible
security



IGA Bahrain

Innovation and
performance

Delivering performance

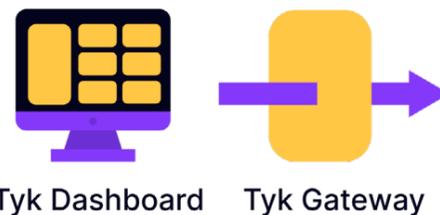


Company: SK techx

Region: APAC

Industry: Technology

Parts of Tyk used:

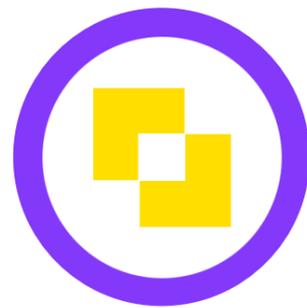


After implementing an API management platform, SK techx saw huge performance improvements. Its API now handles nearly 35 million transactions per day, and at peak times can handle 20,000 transactions per second; double the team's previous target. By choosing an API gateway that is easy to customise and integrates with other systems, SK techx has also been able to add its own additional services to the gateway, saving both time and resources.

[Read more >](#)

SK techx had problems achieving its desired transactions per second of 10,000, resulting in slow data transfer and a poor user experience for end-users of its API or related applications. It implemented an API management platform to achieve stability, strong performance and seamless integration with token-based authentication.

Taking a flexible approach to prioritising security

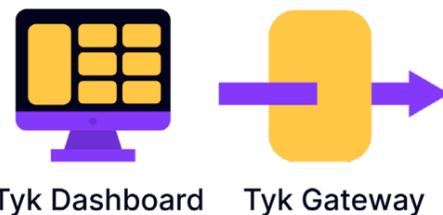


Company: Modulr

Region: EMEA

Industry: Financial services

Parts of Tyk used:



Because API management solutions can be on-premise, cloud-based or a hybrid of the two, companies have the flexibility to implement solutions that meet their own requirements – and those of their regulators. For Modulr, a hybrid model was the ideal solution in terms of flexibility, whilst still providing a fully featured API management platform. Modulr was able to balance management overheads to suit its own internal functional and resiliency requirements. It took control of the API gateway, handling the component which processed all its API requests internally. Tyk, meanwhile, handled the key creation and management component through the admin portal.

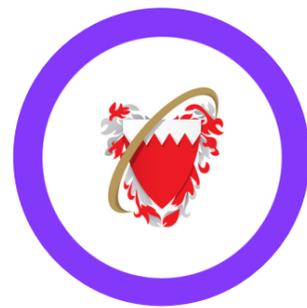
[Read more >](#)

Our core purpose is to solve our customers' payments problems. It makes sense to work with a partner, someone who could help us with the routing and the security management. We host the competencies that matter to us, while the admin is hosted by Tyk. That was really good.

Ritesh Tendulkar,
Chief Innovation Officer, Modulr

Architect and build a performant, secure API platform

Security, innovation and performance rolled into one



Company: IGA Bahrain

Region: EMEA

Industry: Government

Parts of Tyk used:



Tyk Dashboard



Tyk Gateway

IGA Bahrain is using authentication and authorisation, rate limiting and general API management processes to ensure peace of mind around security, alongside excellent functionality and service delivery. As well as ensuring its systems are kept safe, running its suite of APIs through Tyk gives IGA Bahrain insights into API traffic that support ongoing innovation in a secure, highly performant environment.

[Read more >](#)

Given the importance of keeping citizen and government data safe, the Information & eGovernment Authority (IGA) for the Kingdom of Bahrain knew it wasn't enough to roll out standard APIs as quickly as possible. Instead, it needed to take the time to implement biometric verification for third parties and keep its API ecosystem secure.

API PLATFORM MANAGEMENT

Scale the platform across the organisation

Gartner suggests that 80% of software engineering organisations will establish platform teams as internal providers of reusable services, components and tools for application delivery by 2026. APIs can support the secure exposure of such platforms.



areeba

Rapid development



Sun Energia

Saving time and effort



VINCI Construction

Visibility across the organisation



Alyce

Powerful flexibility



move.com

Delivering efficiencies



PA DIGITAL

Powering digital transformation

Scale the platform across the organisation

Underpinning rapid development and innovation



Company: areeba

Region: EMEA

Industry: Financial services

Parts of Tyk used:



API management platforms deliver a versatility that supports innovation. areeba is using Tyk's rapid development environment to innovate, test and move forward at an accelerated pace – all with exceptional performance, greater than 99.9% availability and without a single latency issue since installation.

[Read more >](#)

Two years ago, fintech company areeba didn't have a single API. Now, it has an entire platform of APIs supporting all applications and enhancing security. This has enabled exceptional growth, with the scaling out of all digital applications with an API focus.

Scale the platform across the organisation

Saving time and effort

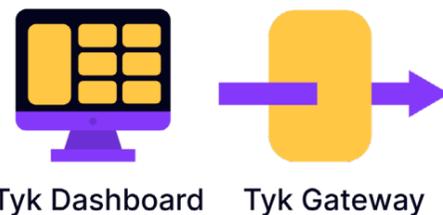


Company: Sun Energia

Region: EMEA

Industry: Energy

Parts of Tyk used:



Sun Energia was providing multiple applications – including for use by building owners, power companies and solar companies – each of which utilised an independent gateway. As customer numbers grew, controlling the applications became increasingly troublesome. The company introduced an API management solution to run all of its customer applications, resulting in a significantly improved operational experience.

[Read more >](#)

Sun Energia has implemented an intuitive, easy-to-use API management solution. Time-saving and effort-reducing, it allows the company's founders to focus on what they do best – enabling building owners to test and tap into their solar power potential.

Scale the platform across the organisation

Superior visibility across the organisation



Company: VINCI

Region: Global

Industry: Real estate

Parts of Tyk used:



Tyk Dashboard



Tyk Gateway



Tyk Analytics

For VINCI Construction, implementing centralised API management significantly enhanced its developers' experience while delivering better governance, security and traceability. Before using Tyk, the company had several APIs in its scope but each of them had its own governance. This exposed VINCI Construction to an operational risk, as it was difficult to know who was actually consuming the APIs and what kind of usage was done with them. It meant that one particular client's overconsumption could have an impact on all the others and on the service in general. Not only that but uncovering what was happening and who the over-consuming client was had the potential to become a major time-drain. Centralised API management solved the issue while making developers' lives easier.

[Read more >](#)

We were working on a data exchange strategy to optimise the way applications could talk to each other. We needed to broaden, facilitate and track the IS data consumption. We had several APIs but each had its own governance. We wanted to normalise governance and ease API visibility and security management as well as centralise the operational metrics.

Olivier Vermont
Project Mgmt Deputy Director,
VINCI Construction

Scale the platform across the organisation

Powerful flexibility



Company: Alyce

Region: Global

Industry: Marketing

Parts of Tyk used:



Tyk Analytics



Tyk Gateway

Having a consistent entry point that follows the OAS v3 enabled Alyce's whole global team to have access and meant they could adopt different tech stacks in PHP, Golang and Python.

Tyk helped Alyce put all the APIs together in a simple way and implement JWT-based authentication at the API gateway level. This approach to API management reduced the complexity and reduced the latency of Alyce's entire infrastructure.

The Alyce team has also developed its own Helm charts to deploy with Kubernetes on a rolling update of new containers across multiple environments and namespaces, providing the team with a superb amount of flexibility.

[Read more >](#)



Every new service now begins with Open API Spec. So it's all API first.

Vasiliy Toporov
Backend Engineer, Alyce

Scale the platform across the organisation

Delivering efficiencies



Company: realtor.com

Region: Americas

Industry: Real estate

Parts of Tyk used:



Tyk Dashboard

Tyk Gateway



Tyk Operator

Lacking a shared infrastructure for managing their APIs led different teams at Realtor.com to implement their own solutions. The business ended up with duplicate implementations for rate limiting, token validation, IP block/allow lists and more. They also had to deploy changes in multiple places, double up on work (as each entry point needed its own set of edge layer tools) and defend a greater surface area against attack.

Enter Tyk. Using Tyk Operator to streamline its API management with federated autonomy meant Realtor.com could scale the solution across the business efficiently and securely, achieving its goals while keeping its teams happy and engaged.

[Read more >](#)

GraphQL embedded in the gateway? Sweet! Rate limiting, caching, and API sharding? Very Nice! Oh, what is this? A native Kubernetes operator allowing you to configure your gateway in simple yaml files? Bingo! This was a turning point for the team when we discovered Tyk Operator and realised what it could do... Teams were happy because they kept their autonomy and agency, and we were delighted as a backend team because we could reduce the complexity and maintenance burden surrounding our systems.

Cabe Waldrop,
Principal Engineer Developer Experience,
Realtor.com

Scale the platform across the organisation

Powering digital transformation



Company: PA DIGITAL

Region: EMEA

Industry: Media

Parts of Tyk used:



PA DIGITAL deployed Tyk on AWS, integrating within its new Bee Digital product and immediately improving the application's authorisation to APIs and rate limiting, ensuring that end-users receive a seamless and secure service. PA now manages its 20+ APIs using a single Tyk installation, and from there it configures different APIs for each of its environments.

[Read more >](#)

After successfully using Tyk to manage its internal APIs, PA DIGITAL quickly found other ways that API management could add value to its ambitious plans. It is now also using Tyk to expose web services that can be consumed by third parties.



API PLATFORM MANAGEMENT

Govern and optimise the platform

Optimising platforms can deliver outstanding results in terms of governance and efficiency. Platform ambitions are increasing all the time, with SoftwareAG reporting that 96% of organisations would find it beneficial to combine APIs, microservices and integration in a single platform.



CanDIG

Flexible data access
and security



Einhell

Optimising
governance

Delivering flexible data access and security



Company: CanDIG

Region: Global

Industry: Healthcare

Parts of Tyk used:



Tyk Gateway

The modern healthcare technology landscape is complex. API management is enabling organisations to navigate that complexity in a way that meets their business needs while also delivering the security that regulators require. CanDIG needed its platform to be fully distributed. That meant no central identity or central authorisation authority; authorisation needed to be made locally, based on local policies and informed by platform-wide CanDIG services. This made for a complicated internal structure but with an API management platform it delivers far greater flexibility due to being designed in this way. It also addresses the question of how much data a user can see, as well as which datasets.

[Read more >](#)

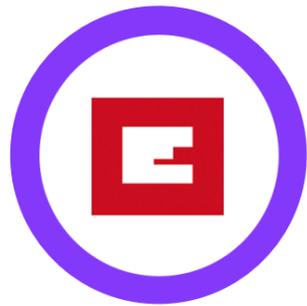
As in many healthcare environments, when we consider data access and authorization decisions as they apply to research projects the level of access varies across users, or in our case, researchers.

The benefit, but also complexity that is embedded within CanDIG is the autonomy granted to each site to make decisions on who is permitted to access what data. As a nationwide platform, it is important for us to be able to uniformly enforce data access policies. Collecting entitlements and then evaluating specific requirements at policy engine allows us to do just that.

Samantha Palmer,
Health Data Policy Specialist at UHN,
CanDIG

Scale the platform across the organisation

Optimising governance

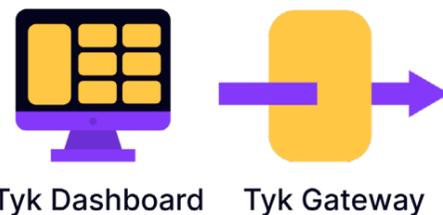


Company: Einhell Germany

Region: EMEA

Industry: Retail

Parts of Tyk used:



Tyk Dashboard

Tyk Gateway

Einhell Germany AG implemented a slick comprehensive API management solution to interconnect different systems within its corporation and to provide data, services and dedicated applications to its customers.

The API management solution means legacy APIs can be customised with specific security requirements in just minutes. The faster delivery of APIs and services also means lower effort for multiple teams within Einhell Germany AG, providing them with more time to focus on other tasks.

[Read more >](#)

We were looking for enhanced security for our existing APIs. We also wanted better control and monitoring of APIs. The Tyk Dashboard is the main advantage over other similar products – there's no heavy scripting of configuration and no steep learning curve.

Christoph Kufner,
Senior IT Architect,
Einhell Germany AG

API PRODUCT MANAGEMENT

Design valuable API products

Reloadly's analysis of the top API trends for 2023 points out that wise business leaders are using APIs to deliver enhanced, custom-made experiences for consumers.



Company.info

Turning data
to revenue



Coliquio

Underpinning
innovation



AMAAN Indonesia

Designing valuable
API products

Turning data into revenue by empowering growth



Company: Company.info

Region: EMEA

Industry: Financial services

Parts of Tyk used:



Company.info originally served its APIs through a monolithic RPC-based service bus providing authentication, authorisation, developer/management portal, payment model and the services themselves. As the business grew, the platform struggled to scale, so it turned to a new API management approach to empower its growth. A robust API gateway was key to this, with all access to data endpoints channelled through the gateway. This has enabled the business to apply centralised policies and provide a unified entry point into Company.info's data world.

[Read more >](#)

Company.info handles over 300 different business-related APIs, which pull data from 20+ data sources and 1,500+ news sources. Company.info transforms data into comprehensive, clear and reliable information, news and predictive insights about companies and their directors.

Design valuable API products

Underpinning innovation



Company: Coliquio

Region: EMEA

Industry: Healthcare

Parts of Tyk used:



Tyk Analytics



Tyk Gateway

By implementing API management, Coliquio has been able to offer APIs to its partners, customers and users, to enable them to build third-party products on top of the Coliquio platform. Exposing their public APIs in a secure and usable way has been vital to this.

[Read more >](#)

Coliquio is using API management to drive API innovation and provide a foundation for the future. This isn't just internal innovation either – Coliquio now offers APIs via Tyk to its partners, customers and users, enabling them to build third-party products on top of the Coliquio platform.



Designing valuable products



Company: AMAAN Indonesia

Region: APAC

Industry: Financial service

Parts of Tyk used:



Tyk Gateway

AMAAN Indonesia provides a sharia digital platform that empowers female microentrepreneurs and their families in six provinces of Indonesia. Since launching in 2021, the company has grown to employ 200 staff, including a 90-strong technical team encompassing 50 developers.

The need for an API gateway was driven by AMAAN Indonesia's microservices architecture. Putting Tyk at the centre of that architecture has enabled AMAAN Indonesia to scale and evolve its product. 4,000 field agents have now installed the AMAAN Indonesia Play Store app, serving 1.08 million end users – and counting!

[Read more >](#)

Our core purpose is to solve our customers' payments problems. It makes sense to work with a partner, someone who could help us with the routing and the security management. We host the competencies that matter to us, while the admin is hosted by Tyk. That was really good.

Hannoto Yang,
Cloud Architect, AMAAN Indonesia

API PRODUCT MANAGEMENT

Launch and market API products

The Postman 2022 State of the API Report found that API-first leaders produce APIs faster, deploy more often, have fewer failures, and recover sooner when failures occur.



CanDIG

Creating new capabilities



Branch

Opening up services to partners



Einhell

Faster time to market

Creating new capabilities



Company: CanDIG

Region: Global

Industry: Healthcare

Parts of Tyk used:



Tyk Gateway

CanDIG – Canada’s Distributed Infrastructure for Genomics – is a national federated health research data platform, connecting distributed national datasets, and connecting researchers to a platform where they can discover and explore data. By using an API management platform, it is able to deliver an innovative solution for the discovery, exploration and analysis of health data, enabling national-scale analysis with local control of this sensitive private data.

[Read more >](#)

We’re moving towards an API-driven, API-first world, with technologies like GraphQL changing how developers interact with data, and with Tyk’s support of its open source gateway product and the user community, more teams are going to be able to move there faster.

Jonathan Dursi,
Staff Scientist II at UHN, CanDIG

Opening up services to partners



Company: Branch

Region: Americas

Industry: Financial services

Parts of Tyk used:



Being first to market can deliver major growth. Businesses that adopt API management solutions are empowering their developer teams to focus on the business logic of their APIs. Branch, for example, beat its competitors to market by implementing an API gateway solution and using its authentication and flow with Auth Token, developer portal and GraphQL capabilities to rapidly enable its partners to offer Branch's products within their own customer flows.

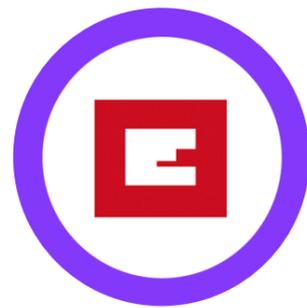
[Read more >](#)

Tyk has enabled us to bring our external, third-party-facing API proxy and developer portal to market much more quickly and efficiently than if we had built it ourselves. This has allowed us to move more quickly than our competitors, meet partner needs and delight partners, all without having to staff up or take months of development.

Joe Emison,
Cofounder and CTO, Branch

Launch and market API products

Faster time to market



Company: Einhell Germany

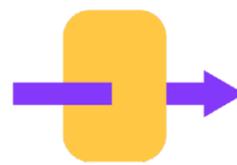
Region: EMEA

Industry: Retail

Parts of Tyk used:



Tyk Dashboard



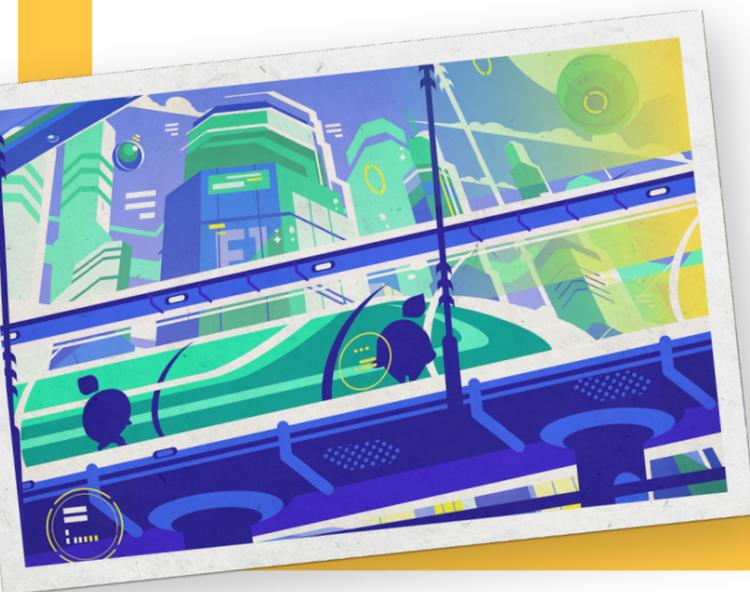
Tyk Gateway

Both internal and external developers consume Einhell Germany AG's APIs. The organisation implemented Tyk's full lifecycle API management solution in less than a day. Doing so resulted in a faster time to market for its APIs, as well as the peace of mind that comes with enhanced security and superb management oversight.

[Read more >](#)

We were looking for faster time to market with Tyk from the developer perspective. We were drawn to the clear and comprehensible architecture of Tyk. Plus it is easy to install and maintain and can be scaled nicely.

Christoph Kufner,
Senior IT Architect,
Einhell Germany AG



API PRODUCT MANAGEMENT

Analyse value and optimise API products

Postman's 2022 State of the AIP Report reveals that 51% of organisations are spending more than half of their development effort on APIs (up from 40% in 2020 and 49% in 2021). This emphasises the fundamental role of APIs in enabling companies to operate, grow and scale.



BRANCH

Branch

Achieving agile growth
cost-effectively



Human Managed

Monetising
APIs

Achieving agile growth cost-effectively



Company: Branch

Region: Americas

Industry: Financial services

Parts of Tyk used:



API management platforms are supporting organisations to buy in the solutions they need at far less cost (and with far less hassle) than developing such solutions in-house. Off-the shelf API governance, security and full lifecycle management capabilities are thus supporting cost-effective, rapid scaling. Branch has used this to connect insurance partner affiliates with consumers on their own platforms to offer cost-effective approaches to home and auto insurance coverage.

[Read more >](#)

The enormous benefit from Tyk is that we don't have to build and staff our own team to develop, build, and run our own API proxy for our internal APIs to be used by our partners. We estimate that it would have taken a team of two developers more than three months to build an initial version (which would not have had the full set of features that Tyk offers), and then we would eventually have a team of 4-5 full-time developers and 1-2 operations staff to keep this going as an internal product.

Joe Emison,
Cofounder and CTO, Branch

Analyse value and optimise API products

Monetising APIs



Company: Branch

Region: APAC

Industry: Technology

Parts of Tyk used:



Tyk Gateway

Human Managed used a cloud native API gateway to deliver two solutions – a way to protect its API platform and the ability to commercialise it. The company is using Tyk to support its collection of data points from customers and its generation of subscription customers’ business analytics and intelligence reports. It is monetising API calls by volume on a monthly basis.

[Read more >](#)

Tyk’s ability to specify both coarse (e.g. global) and fine-grained rate limits (e.g. per-API) gave us a lot of flexibility in coming up with commercial models for monetising our APIs.

Yip Je Sum,
Microbuilder, Human Managed



API DEVELOPERS

Create, secure and test APIs

As the API industry continues to mature and evolve, developer experiences are increasingly being prioritised, according to Reloadly's 10 Top API Trends in 2023. API companies are prioritising the developer experience while enabling developers to prioritise the experience for their end users.



QUT

Driving cost-effective internal innovation



MiQ

Centralised API creation and security

Create, secure and test APIs

Driving cost-effective internal innovation



Company: QUT

Region: APAC

Industry: Education

Parts of Tyk used:



By making authentication easier, Queensland University of Technology (QUT) has introduced greater simplicity and efficiency in its API environment. Implementing API management has also allowed QUT to continue developing APIs that solve complex internal tech challenges. The university can now create, secure and test APIs to meet these internal needs, without increasing its maintenance overhead and associated costs to a prohibitive level.

[Read more >](#)

QUT is using API management to centralise control over the management of its 32 APIs while simultaneously freeing up time to focus on operational matters.

Create, secure and test APIs

Centralised API creation and security



Company: MiQ

Region: Global

Industry: Marketing

Parts of Tyk used:



Tyk Dashboard



Tyk Gateway



Tyk Analytics

Before implementing API management, different teams at MiQ had their own logic for handling authentication and authorisation and every team was running its own service in a different way, building its own dashboards, with its own management.

Centralised API management has created a superior developer experience at MiQ, taking care of authentication, authorisation, API access, caching and more.

[Read more >](#)

Tyk's ability to specify both coarse (e.g. global) and fine-grained rate limits (e.g. per-API) gave us a lot of flexibility in coming up with commercial models for monetising our APIs.

Rohit Srivastava,
Senior Engineering Manager, MiQ

API DEVELOPERS

Deploy APIs to production

Salt reports that 94% of organisations that it surveyed have experienced security problems in production APIs, highlighting the need for attention in this area.



Chợ Tốt

Focusing on user experiences



True

Superior workflows



HM Courts & Tribunals

Blending privacy, security and reusability



Scout24

APIs as first-class citizens

Focusing on user experiences



Company: Chợ Tốt

Region: APAC

Industry: Consumer services

Parts of Tyk used:



Tyk Gateway

The team at Vietnamese C2C marketplace platform Chợ Tốt always aim to deliver the best user experience natively across all major platforms: desktop, mobile web and native apps on Android, iOS and Windows. Implementing API management and deploying APIs to production with Tyk means Chợ Tốt has been able to move towards a large-scale microservice architecture, incorporating service discovery to ensure high availability of the service. This new architecture allows the product team to deliver faster innovation and an enhanced experience to the end user.

[Read more >](#)

With Tyk, our experimental product innovation had been rolled out much faster. Tyk out of the box is super simple to get started and deploy, and we receive very prompt responses from the Tyk team.

Hien Tu,
Lead Architect, Chợ Tốt

Superior workflows

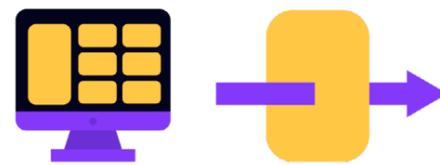


Company: True

Region: APAC

Industry: MedAI

Parts of Tyk used:



Tyk Dashboard

Tyk Gateway



Tyk Analytics

The range of authentication tools, rate and quota management solution, and ability to fine-tune API access control, means that Tyk not only helps True to manage its existing APIs, but also allows it to experiment with other monetisation and productisation ideas. API usage reporting brings additional insight to True's API strategy and operations, while the ability to deploy on-premise, and support multiple data centres from one central dashboard, gave True the control and visibility it needed to continually refine and innovate.

[Read more >](#)

After implementing API management with Tyk, True immediately noticed that its workflows and integration for front-end apps became much easier to manage. Now, once it has developed a new API, True simply loads it into Tyk and creates the policy and token for the relevant client, making innovation for True, and its clients, quicker and easier.

Blending privacy, security and reusability



Company: HM Courts & Tribunals

Region: EMEA

Industry: Government

Parts of Tyk used:



Tyk Gateway

HM Courts & Tribunals Service used an API gateway to support the trial of its new online Make a Plea service. By including API management in its infrastructure, HM Courts & Tribunals Service was able to regularly iterate and prototype the service, testing with users while working in an iterative, user-centred manner.

The use of API management to deploy APIs to production meant that the service fitted with wider government thinking around reusable services: *“It’s faster and simpler to reuse an existing API than build one from scratch. Building this discovery step into the design process prioritises reuse and means APIs are built only when necessary.”*

[Read more >](#)

The team has made sensible technology choices, using opensource technologies and common platforms in line with the service standard, and are moving to public cloud hosting.

Deploy APIs to production

APIs as first-class citizens

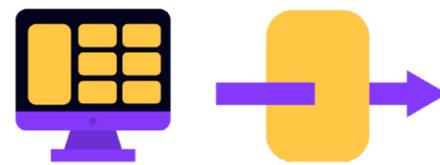


Company: Scout24

Region: EMEA

Industry: Consumer

Parts of Tyk used:



Tyk Dashboard

Tyk Gateway



Developer Portal

Scout24 noticed an immediate benefit after implementing API management with Tyk. Backend developers were suddenly able to delegate the job of exposing, securing and documenting APIs to non-developers. By making its APIs first-class citizens in this way, developer time reduced and Scout24 was able both to serve its customers better and to provide paid APIs.

[Read more >](#)

Scout24 needed to integrate existing APIs and protect them, selectively expose endpoints, provide a developer portal for onboarding and use API key management.



API DEVELOPERS

Monitor, troubleshoot and update APIs

Insights into monitoring by Databricks and Tyk found that the use of monitoring tools to understand how public and private APIs are used offers key metrics around customer adoption and utilisation. The insights generated can be useful in determining monetisation strategies for products and services.



MiQ

Centralised updating
and troubleshooting



IGA Bahrain

Proactive
monitoring



HeiGIT

Enabling fast-paced
innovation

Centralised updating and troubleshooting



Company: MiQ

Region: Global

Industry: Marketing

Parts of Tyk used:



Tyk Dashboard



Tyk Gateway



Tyk Analytics

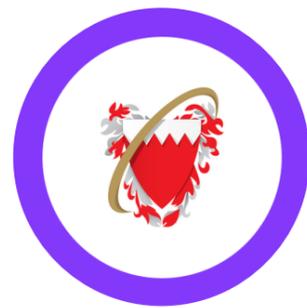
Before implementing API management, developers at MiQ had their own implementations of API monitoring and alerting, which needed to be changed whenever a new metric or alert was needed. When someone in product management asked how a particular API was used, whether its usage increased or what the error rate was, it took time for the teams to be able to provide answers. With centralised API management and endpoint tracking, developers can now easily monitor how their APIs are performing in order to assess what they can improve upon. Log browsing has also proven useful for recording and referencing one off issues, with the MiQ team able to check requests and resolutions.

[Read more >](#)

It felt like the situation, where we didn't have a central way of managing our APIs, was not sustainable in the long term. We needed a centralised framework and a centralised team to take care of all of these things.

Rohit Srivastava,
Senior Engineering Manager, MiQ

Proactive monitoring

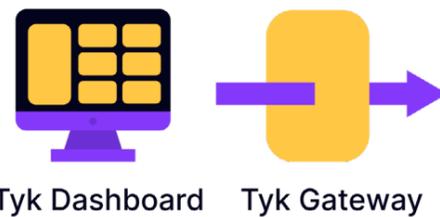


Company: IGA Bahrain

Region: EMEA

Industry: Government

Parts of Tyk used:



IGA Bahrain is using monitoring not just to troubleshoot and update its APIs but to defend its systems from cyberthreats. It monitors for unusual activity that could suggest a potential cyberattack, using this as part of an in-depth strategy to protect valuable data belonging to the government and its citizens.

[Read more >](#)

With keeping citizen and government data safe as its priority, the Information & eGovernment Authority (IGA) for the Kingdom of Bahrain took a proactive stance when it came to monitoring API users.

Monitor, troubleshoot and update APIs

Enabling fast-paced innovation

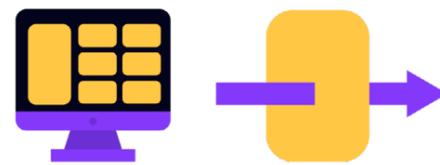


Company: HeiGIT

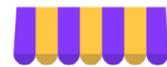
Region: EMEA

Industry: Education

Parts of Tyk used:



Tyk Dashboard Tyk Gateway



Developer Portal

The simplicity of the Tyk API Gateway meant that HeiGIT – the Heidelberg Institute for Geoinformation Technology at Heidelberg University – was able to implement it in just two days. As soon as the initial API gateway setup was complete, HeiGIT began managing and monitoring its nine APIs using Tyk Dashboard. HeiGIT is now using API management to produce and publish an engaging and accessible interface that helps it better serve the 4,000+ developers using its openrouteservice.org API. Tyk has increased capability, reliability and scale at HeiGIT while minimising costs. It has overcome the numerous challenges that HeiGIT faced while managing its API using XML and paved the way for rapid, stable innovation.

[Read more >](#)

HeiGIT is using Tyk to serve millions of complex route maps to consumers and enable innovation amongst commercial and academic users.

Ready to start your journey to API-Topia?

API management solutions are supporting businesses across the globe to deliver new products, to scale and to enhance both developer and customer experiences.

The case studies cited in this book are just the tip of the iceberg. Whatever you need to achieve with your APIs, get in touch with the Tyk team to discuss how API management can get you there faster, better and more cost-effectively.

[Contact the Tyk team](#)